

Application No. 10/087,318
Amendment Dated May 17, 2005
Reply to Office Action of February 24, 2005

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claims 1-3 (cancelled)

4. (currently amended) A radiant heat transfer panel adapted to communicate with a fluid conduit comprising:

a formed tray having a first side and an opposed second side;

said tray comprising a fixture tower and defining a containment space and a conduit channel;

said fixture tower comprising a throughbore extending between said first side and said second side;

said space containing a thermal mass;

said channel, containment space and thermal mass configured and arranged to permit heat transfer between said channel and said thermal mass.

5. (previously presented) The radiant heat transfer panel set forth in claim 4, wherein said tray comprises a side gusset.

6. (previously presented) The radiant heat transfer panel set forth in claim 4, wherein said conduit channel is a U-shaped trough or is cylindrical.

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Claim 7 (cancelled)

8. (previously presented) The radiant heat transfer panel set forth in claim 4, wherein said conduit channel comprises a linear section and an arcuate section.

Claim 9 (cancelled)

10. (previously presented) The radiant heat transfer panel set forth in claim 4, wherein said thermal mass comprises a composition selected from a group consisting of cement, mortar, ceramic, concrete and stone.

Claim 11 (cancelled)

12. (previously presented) The radiant heat transfer panel set forth in claim 4, wherein said thermal mass has an outer surface and said outer surface is a finished flooring surface.

Claims 13-44 (cancelled)

45. (new) The radiant heat transfer panel set forth in claim 4, wherein said tray is a single unitary piece.

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46. (new) The radiant heat transfer panel set forth in claim 4, wherein said containment space extends into said tray from said first side and said conduit channel extends into said tray from said second side.